Patent claims:

- A main or press cylinder of a tube and extrusion 1 press which is arranged in a cylinder beam and has as its cylinder 2 housing a press piston connected with a cantilevered rod which 3 projects out of the cylinder housing, characterized in that the rod: (9) is formed with an integrated forward advance and retraction cylinder (12) and in an axial hollow bore (13) receives a telescope tube (15) forming a pressurizable space (18) which is flow connected with an annular gap (16), the telescope tube (15) being concentrically surrounded by a housing shell (17) and being held stationary at its end projecting from the rod (9) together with the 10 housing shell (17) in a hydraulic connecting block (14) which has 11 flow connections (23; 24) opening into the telescope tube (15) and 12 into the annular gap (16). 13
- 2. The main or press cylinder according to claim 1
 characterized in that the hollow bore (13) is sealed with a pistonlike packing (21) against the housing sleeve (17) along which the
 packing slides at the end of the rod upon application of fluid
 pressure.
- 3. The main or press cylinder according to claim 1 or 2 characterized in that the end of the telescope tube (15) lying in the hollow bore (18) is configured with a thickened head (20) sealing the annular gap (16) and fastening the telescope tube (15)

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- on the housing sleeve (17) which has at this end a radial collar (19) sealing against the inner wall of the hollow bore (13).
- 4. The main or press cylinder according to claim 3
 characterized in that the presssurizable space (18) is connected
 with the annular gap (16) by bores (22) in the radial collar (19).
- 5. The main or press cylinder according to one of claims
 1 to 4 characterized in that the cylinder chamber (28) of the main
 cylinder housing (3) has a guide (10) for the press piston (5) and
 the cylinder housing bottom (8) is configured with a guide (11) for
 the rod (9).
 - 6. A main or press cylinder of a tube and extrusion press which is arranged in a cylinder beam and in its cylinder housing has a press piston with a cantilevered rod projecting from the cylinder housing, especially in accordance with one of claims 1 to 5 characterized in that the free cantilevered end of the rod (9) is surrounded by a compensating vessel (30) fastened onto the main cylinder housing (3) in which a slider (31) arranged on the rod end remote from the main cylinder housing (3), sealed against the vessel inner wall, slides upon the application of pressure to the press piston (5), whereby the space (33) formed between the rod (9) and the compensating vessel (30) and closed at its end by the slider (31) is provided with a flow connection with cylinder chamber (28) behind the press piston (5) of the main cylinder

- housing (3) and into which a pressurized oil conduit (27) also
- opens.
- 7. The main or press cylinder according to claim 6
- characterized in that the space (33) of the compensating vessel
- 3 (30) is additionally connected to a tank conduit (34).
- 8. The main or press cylinder according to claim 6 or 7,
- characterized in that in the connecting lines (35) formed in the
- 3 cylinder housing bottom (8) and communicating between the space
- 4 (33) and the cylinder chamber (28) behind the press piston (5),
- switchable blocking valves (36) are provided.